

FORM PTO-1390 (REV. 8-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	CASE NO. 10808/145 Client ref. In1221WOUS
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/501406	
INTERNATIONAL APPLICATION NO. PCT/DE02/04522	INTERNATIONAL FILING DATE December 10, 2002	PRIORITY DATE CLAIMED January 15, 2002	
TITLE OF INVENTION NON-VOLATILE TWO-TRANSISTOR SEMICONDUCTOR MEMORY CELL AND METHOD FOR PRODUCING THE SAME			
APPLICANT(S) FOR DO/EO/US Franz SCHULER (Dresden, Germany), Georg Tempel (Dresden, Germany)			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 3712. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 3713. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). (Attached at Tab 1)b. <input type="checkbox"/> has been transmitted by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input checked="" type="checkbox"/> An English translation of the International Application into English (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto. (Attached at Tab 2)b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).<ol style="list-style-type: none">a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).b. <input type="checkbox"/> have been transmitted by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input checked="" type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) and/or amendments under Article 34. (Attached at Tab 3)			
Items 11 to 20 Below concern other document(s) or information included:			
<ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (Attached at Tab 4)12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A preliminary amendment. (Attached at Tab 5)14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).20. <input type="checkbox"/> Other items or information:			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) <div style="font-size: 2em; font-weight: bold; margin-left: 100px;">10/501406</div>	INTERNATIONAL APPLICATION NO. PCT/DE02/04522	CASE NO. 10808/145 Client ref. In1221WOUS																																														
21. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO. \$770.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00 <div style="text-align: center; font-weight: bold;">ENTER APPROPRIATE BASIC FEE AMOUNT</div>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%;">CALCULATIONS</th> <th style="width: 40%;">PTO USE ONLY</th> </tr> <tr> <td colspan="2" style="height: 150px; vertical-align: top;"> <div style="text-align: right; margin-top: 10px;">\$920</div> </td> </tr> </table>		CALCULATIONS	PTO USE ONLY	<div style="text-align: right; margin-top: 10px;">\$920</div>																																										
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Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Claims</th> <th style="width: 20%;">Number Filed</th> <th style="width: 20%;">Number Extra</th> <th style="width: 20%;">Rate</th> <th style="width: 20%;"></th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td style="text-align: center;">20- 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$ 18.00</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">2- 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$ 86.00</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td>Multiple dependent claim(s) if Applicable)</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">+ \$290.00</td> <td></td> <td style="text-align: right;">\$0.00</td> </tr> <tr> <td colspan="5" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$920</td> </tr> </tbody> </table>		Claims	Number Filed	Number Extra	Rate			Total Claims	20- 20 =	0	x \$ 18.00		\$0.00	Independent Claims	2- 3 =	0	x \$ 86.00		\$0.00	Multiple dependent claim(s) if Applicable)		0	+ \$290.00		\$0.00	TOTAL OF ABOVE CALCULATIONS =					\$920	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: right;">\$920</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL NATIONAL FEE=</td> <td style="text-align: right;">\$920</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL FEES ENCLOSED=</td> <td style="text-align: right;">\$920</td> </tr> <tr> <td colspan="2" style="text-align: right;">Amount to be refunded</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">charged</td> <td style="text-align: right;">\$</td> </tr> </table>		SUBTOTAL =		\$920	TOTAL NATIONAL FEE=		\$920	TOTAL FEES ENCLOSED=		\$920	Amount to be refunded		\$	charged		\$
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. Processing fee of \$130.00 for furnishing the English translation later than the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property + 																																																
a. <input checked="" type="checkbox"/> A check in the amount of \$920 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-1925 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																																
Send All Correspondence to: Brinks Hofer Gilson & Lione P.O. Box 10395 Chicago, IL 60610		<div style="text-align: center;"> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Signature John G. Rauch</td> </tr> <tr> <td style="padding: 2px;">Name 37,218</td> </tr> <tr> <td style="padding: 2px;">Registration Number</td> </tr> </table>		Signature John G. Rauch	Name 37,218	Registration Number																																										
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